PROCEEDINGS OF TDWG

Biodiversity Information Science and Standards 1: e20185
doi: 10.3897/tdwgproceedings.1.20185

OPEN ACCESS

Conference Abstract

Exploring the Canadian Federated Research Data Repository Service

Lee Wilson ‡

‡ Portage/ACENET, Halifax, Canada

Corresponding author: Lee Wilson (lee.wilson@dal.ca)

Received: 10 Aug 2017 | Published: 11 Aug 2017

Citation: Wilson L (2017) Exploring the Canadian Federated Research Data Repository Service. Proceedings of TDWG 1: e20185. https://doi.org/10.3897/tdwgproceedings.1.20185

Abstract

Good data management requires support for researchers at all stages of the data lifecycle, from policy and planning development to infrastructure that ensures data is findable, accessible, interoperable, and reusable (FAIR). While several excellent institutional, domain-specific, and general repositories currently exist both within Canada and abroad, Canada lacks nationally coordinated solutions for managing research data, and the question of where to deposit data for discovery, reuse, and preservation remains pervasive. Developed through a partnership between the Canadian Association of Research Libraries (CARL), the Portage Network, and Compute Canada, the Federated Research Data Repository (FRDR) seeks to address a longstanding gap in Canada's research infrastructure by providing a single platform from which research data can be ingested, curated, preserved, discovered, cited, and shared. The platform's federated search tool will provide a focal point to discover and access Canadian research data, while the range of services provided by FRDR will help researchers store and manage their data, preserve their research for future use, and comply with institutional and funding agency data management requirements. In this presentation, participants will learn about the development of the new system, current and planned functionality, the timeline for service launch, the proposed distributed service model to support institutions both locally and nationally, and a brief overview of research projects we will be supporting as the platform moves toward launch. Researchers will gain an understanding of how they can use FRDR

© Wilson L. This is an open access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

to make their research data discoverable and accessible, as well as comply with increasing funder expectations for the management of research data.

Keywords

Data management, research infrastructure, data repository, data discovery, data accessiblity

Presenting author

Lee Wilson